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PATENT

In the Claims

Claims 127, 139 and 165 have been amended as follows:

127. (Amended) An electrochemical sensor comprising:
a flexible, planar substrate; [and]
a first conductive material non-leachably disposed on a first surface of the planar substrate to form one or more working electrodes;
one or more contact pads on the first surface and in electrical contact with the one or more working electrodes;
a second conductive material non-leachably disposed on one of the first surface and a second surface of the planar substrate to form a counter electrode, a reference electrode, or a counter-reference electrode;
a contact pad disposed on the one of the first surface and the second surface and in electrical contact with the counter electrode, reference electrode or counter-reference electrode;
an enzyme non-leachably disposed proximate to the working electrode; and
an analyte mass transport limiting layer disposed over at least a portion of the working electrode to limit transport of an analyte to the working electrode;
wherein the sensor comprises a wide portion and a narrow portion, the narrow portion having a length of 2 cm or less and a width of 2 mm or less, and the narrow portion [is] configured and arranged for [transcutaneous] subcutaneous implantation into the body of an animal for contact with body fluid of the animal.

139. (Amended) The electrochemical sensor of claim 127 [138], wherein the narrow portion has a width in the range of 1 mm or less.

165. (Amended) The electrochemical sensor of claim 127 [163], wherein at least one of the one or more contact pads comprises a conductive polymer.

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